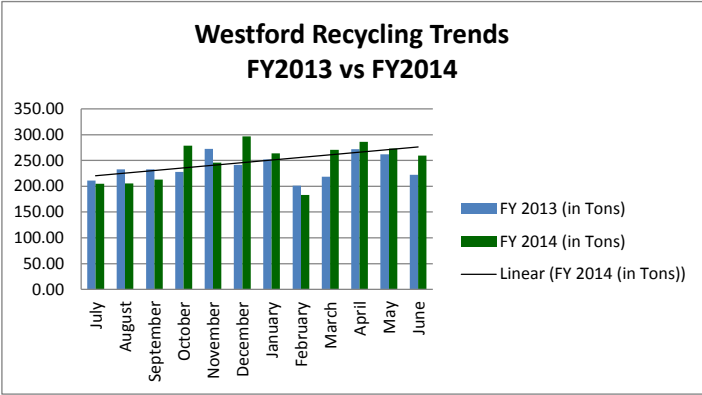


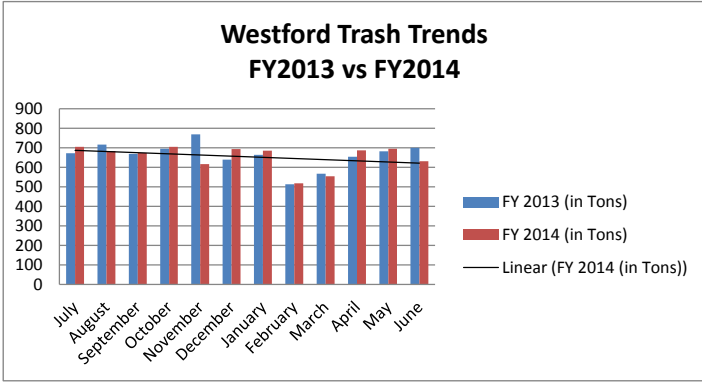
Trends in Westford Recycling Efforts (FY2014)

Recycling	Westford had a increase of 132.2 tons of recycling in FY2014 compared to the previous year. This is an 4.6 % increase over this period.
Trash	Westford had a decrease of 93.2 tons of trash in FY2014 compared to the previous year. This is a 1.2 % decrease in trash during this period which resulted in tipping fees savings of \$6,805.06 . The current tipping fee per ton of trash is \$73 which increased from \$71 starting in July 2013.
Summary	Recycling data show increase of 132.2 tons of recycling. Trash data show overall decrease of 93.2 tons of trash. Tipping fees savings of \$6,805.06 in the FY2014. Overall positive trends in both recycling increases and trash reductions.
Notes regarding mandatory recycling policy	Westford began to enforce its "mandatory recycling" policy beginning the 1st of February 2013. Since the WRC recommended to the Town of Westford management, the trends are showing positive results and it appears the policy is working effectively (in addition to increases in overall recycling activities).



Westford Recycling Statistics
FY2014 vs. FY2013

Tonnage FY2013	2846.95
Tonnage FY2014	2979.17
Percent Change	4.6%
Tonnage Change	132.2



Westford Trash Statistics
FY2014 vs. FY2013

Tonnage FY2013	7944.09
Tonnage FY2014	7850.87
Percent Change	-1.2%
Tonnage Change	-93.2
Tipping fee (decrease)	\$ (6,805.06)


The Mission of the Westford Recycling Commission is to:

1. Increase awareness of recycling benefits to the Town of Westford.

2. Educate Westford residents on recycling options.

3. Provide opportunities for non-curbide recycling.

4. Implement programs that encourage diverting recyclables from the trash.



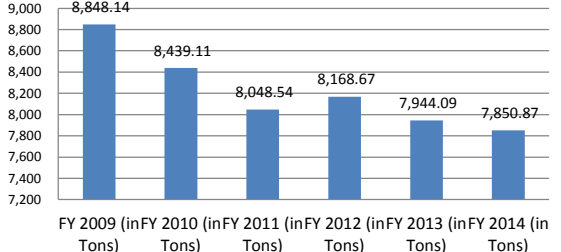
Westford Trash - Recycling Data and Statistics

The data shows recent trends in both recycling and trash tonnage
Values and figures in **GREEN** reflect a positive change in the trash reduction or recycling increases per the data
Values and figures in **RED** reflect a negative change in the trash increases or recycling decrease per the data

Assumptions and Notes

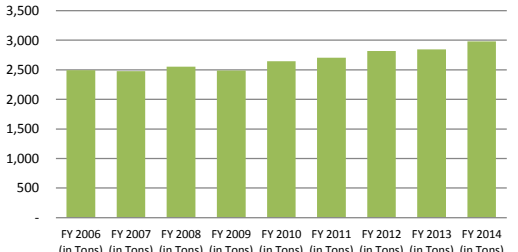
Residents are recycling less newspaper over the past few years.
Definition: The **trash tipping fee** is the cost per ton of trash removed which includes incinerator and transport costs.
Trash tipping fee savings (or increases) are calculated on the difference in trash tonnage (month over month or year over year)
The current tipping fee per ton is \$73 which increased from \$71 starting in July 2013.
The cost to the Town of Westford for trash removal is based on a per ton fee, whereas recycling is a flat fee (weight independent).
Source of trash comes from residence (homes), schools, town/municipal buildings, not commercial buildings or businesses.
Source of recyclables comes from residence (homes), schools, town/municipal buildings, not commercial buildings or businesses.

Westford Trash Data
(Tons) from (2009 - 2014)



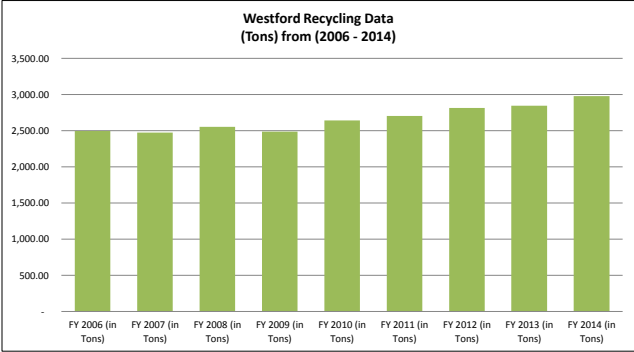
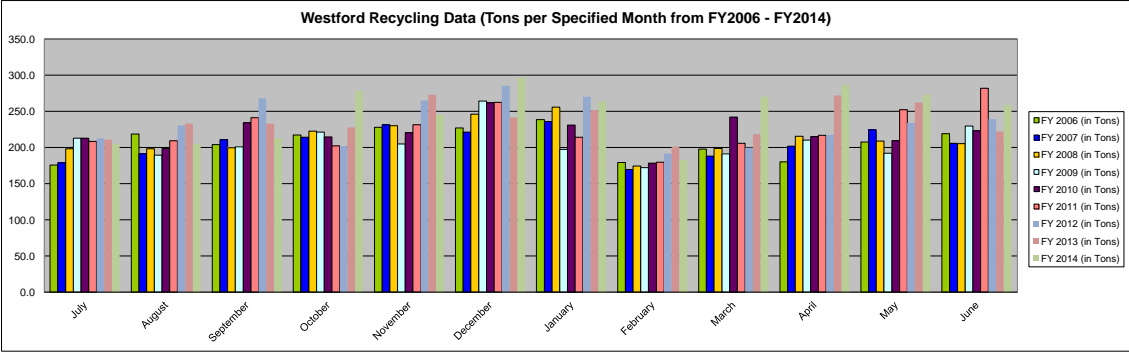
Fiscal Year	Tons
FY 2009	8,848.14
FY 2010	8,439.11
FY 2011	8,048.54
FY 2012	8,168.67
FY 2013	7,944.09
FY 2014	7,850.87

Westford Recycling Data
(Tons) from (2006 - 2014)



Fiscal Year	Tons
FY 2006	2,500.00
FY 2007	2,500.00
FY 2008	2,500.00
FY 2009	2,500.00
FY 2010	2,500.00
FY 2011	2,500.00
FY 2012	2,500.00
FY 2013	2,500.00
FY 2014	2,500.00

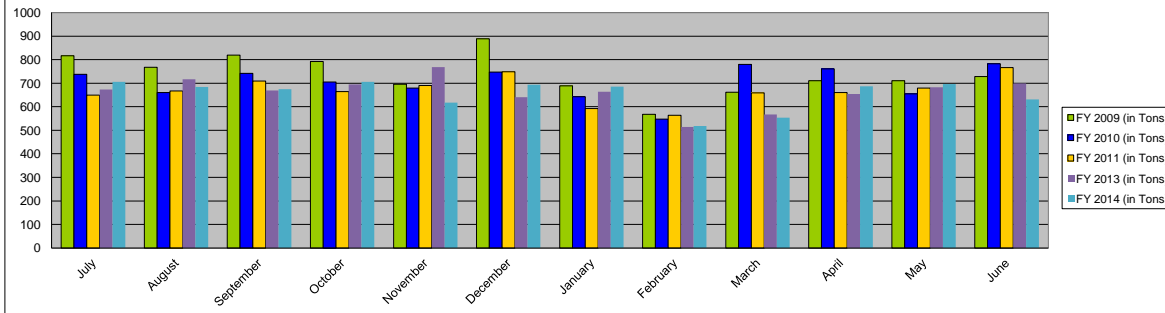
Westford Recycling Data and Statistics																			
Monthly Recycling Data (per Westford Fiscal Year)										Recycling (Tonnage Change) per Fiscal Year					Recycling (% Change) per Fiscal Year				
Month	FY 2006 (in Tons)	FY 2007 (in Tons)	FY 2008 (in Tons)	FY 2009 (in Tons)	FY 2010 (in Tons)	FY 2011 (in Tons)	FY 2012 (in Tons)	FY 2013 (in Tons)	FY 2014 (in Tons)	Monthly FY2009 - FY2010 Change (in Tons)	Monthly FY2010 - FY2011 Change (in Tons)	Monthly FY2011 - FY2012 Change (in Tons)	Monthly FY2012 - FY2013 Change (in Tons)	Monthly FY2013 - FY2014 Change (in Tons)	Monthly FY2009 - FY2010 % Change	Monthly FY2010 - FY2011 % Change	Monthly FY2011 - FY2012 % Change	Monthly FY2012 - FY2013 % Change	Monthly FY2013 - FY2014 % Change
July	175.9	178.75	198.53	212.84	212.88	208.41	212.83	211.01	204.75	0.04	-4.47	4.42	-1.82	-6.26	0.02%	-2.10%	2.12%	-0.88%	-2.97%
August	218.6	191.16	198.43	189.35	188.96	209.26	230.38	232.96	205.36	9.61	10.30	21.12	2.58	-27.60	5.08%	5.18%	10.09%	1.12%	-11.85%
September	204.3	210.77	199.48	201.06	234.36	241.42	267.97	232.97	212.91	33.30	7.06	26.55	-35.00	-20.06	16.56%	3.01%	11.00%	-13.06%	-8.61%
October	217.3	214.26	222.75	221.50	214.54	202.24	202.26	227.93	278.56	-6.96	-12.30	0.02	25.67	50.63	-3.14%	-5.73%	0.01%	12.69%	22.21%
November	227.83	231.61	230.31	205.22	220.58	231.53	265.05	272.73	245.58	15.36	10.95	33.52	7.68	-27.15	7.48%	4.96%	14.48%	2.90%	-9.95%
December	227.23	221.22	245.96	264.47	262.03	262.33	285.33	241.59	296.73	-2.44	0.30	23.00	-43.74	55.14	-0.92%	0.11%	8.77%	-15.33%	22.82%
January	238.8	235.94	255.82	197.43	231.18	214.42	270.30	251.87	263.53	33.75	-16.76	55.88	-18.43	11.66	17.09%	-7.25%	26.06%	-6.82%	4.63%
February	179.26	169.75	174.52	172.07	178.58	179.66	191.40	201.14	183.12	6.51	1.08	11.74	9.74	-18.02	3.78%	0.60%	6.53%	5.09%	-8.96%
March	197.72	188.41	198.68	191.26	242.34	205.73	199.98	218.42	270.29	51.08	-36.61	-5.75	18.44	51.87	-15.11%	-2.79%	9.22%	23.75%	
April	180.44	202.13	215.42	210.17	214.98	216.94	217.75	272.06	286.18	4.81	1.96	0.81	54.31	14.12	2.29%	0.91%	0.37%	24.94%	5.19%
May	207.87	224.54	209.11	192.25	209.31	252.31	234.12	262.11	272.95	17.06	43.00	-18.19	27.99	10.84	8.87%	20.54%	-7.21%	11.96%	4.14%
June	219.27	205.87	205.27	229.92	223.09	282.10	239.25	222.16	259.21	-6.83	59.01	-42.85	-17.09	37.05	-2.97%	26.45%	-15.19%	-7.14%	16.68%
Recycling Total Tonnage per Fiscal Year	2,494.44	2,474.41	2,554.28	2,487.54	2,642.83	2,706.35	2,816.62	2,846.95	2,979.17	155.29	63.52	110.27	30.33	132.22	6.24%	2.40%	4.07%	1.08%	4.64%
Notes	Values and figures in GREEN reflect a positive change in recycling (increase). Values and figures in RED reflect a negative change in the recycling (decrease).																		



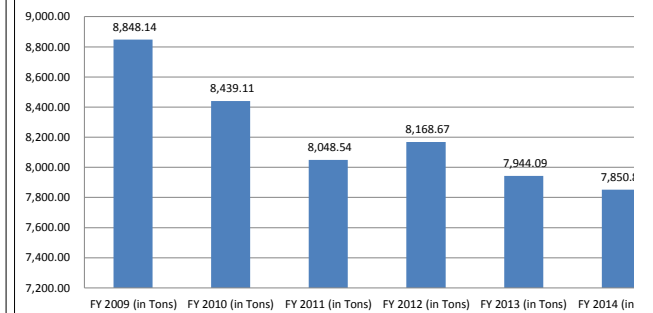
Westford Trash Data and Statistics

Monthly Trash Data (per Westford Fiscal Year)							Trash (Tonnage Change) per Fiscal Year					Trash (% Change) per Fiscal Year				
Month	FY 2009 (in Tons)	FY 2010 (in Tons)	FY 2011 (in Tons)	FY 2012 (in Tons)	FY 2013 (in Tons)	FY 2014 (in Tons)	Monthly FY2009 - FY2010 Change (in Tons)	Monthly FY2010 - FY2011 Change (in Tons)	Monthly FY2011 - FY2012 Change (in Tons)	Monthly FY2012 - FY2013 Change (in Tons)	Monthly FY2013 - FY2014 Change (in Tons)	Monthly FY2009 - FY2010 % Change	Monthly FY2010 - FY2011 % Change	Monthly FY2011 - FY2012 % Change	Monthly FY2012 - FY2013 % Change	Monthly FY2013 - FY2014 % Change
July	817.18	737.78	649.63	658.5	672.61	705.1	-79.4	-88.15	8.87	14.11	32.49	-9.72%	-11.95%	1.37%	2.14%	4.83%
August	767.58	660.24	666.6	728.21	716.57	684.39	-107.34	6.36	61.61	-11.64	-32.18	-13.98%	0.96%	9.24%	-1.60%	-4.49%
September	819.08	741.61	708.71	760.25	669.25	674.68	-77.47	-32.9	51.54	-91	5.43	-9.46%	-4.44%	7.27%	-11.97%	0.81%
October	792.34	704.82	664.00	659.78	694.76	705.15	-87.52	-40.82	-4.22	34.98	10.39	-11.05%	-5.79%	-0.64%	5.30%	1.50%
November	695.33	679.16	690.39	793.36	694.76	616.95	-16.17	11.23	102.97	-24.44	-151.97	-2.33%	1.65%	14.91%	-3.08%	-19.76%
December	888.46	746.85	749.18	689.84	640.11	693.45	-141.61	2.33	-59.34	-49.73	53.34	-15.94%	0.31%	-7.92%	-7.21%	8.33%
January	689.13	643.02	592.16	660.69	664.24	685.32	-46.11	-50.86	68.53	3.55	21.08	-6.69%	-7.91%	11.57%	0.54%	3.17%
February	568.16	547.13	563.37	562.09	513.92	518.49	-21.03	16.24	-1.28	-48.17	4.57	-3.70%	2.97%	-0.23%	-8.57%	0.89%
March	661.64	779.8	659.33	630.74	567.50	553.65	118.16	-120.47	-28.59	-63.24	-13.85	17.86%	-15.45%	-4.34%	-10.03%	-2.44%
April	710.12	760.20	659.79	639.53	654.72	686.62	50.08	-100.41	-20.26	15.19	31.9	7.05%	-13.21%	-3.07%	2.38%	4.87%
May	710.78	655.40	679.56	677.58	682.00	695.92	-55.38	24.16	-1.98	4.42	13.92	-7.79%	3.69%	-0.29%	0.65%	2.04%
June	728.34	783.10	765.82	708.10	699.49	631.15	54.76	-17.28	-57.72	-8.61	-68.34	7.52%	-2.21%	-7.54%	-1.22%	-9.77%
Trash Total Tonnage per Fiscal Year	8,848.14	8,439.11	8,048.54	8,168.67	7,944.09	7,850.87	-409.03	-390.57	120.13	-224.58	-93.22	-4.62%	-4.63%	1.49%	-2.75%	-1.17%
Notes	Values and figures in GREEN reflect a trash reduction (This is a positive or good trend). Values and figures in RED reflect a trash increase (This is a negative trend).															

Westford Trash Data (Tons per Specified Month from FY2009 - FY2014)



Westford Trash Data (Tons) from (2009 - 2014)



Westford Population and Housing Data

Population Data

Total Westford Population: 22,624 (Urban: 22,043, Rural: 581 (all nonfarm) Source: City-Data)

Total Westford Population: 20,868 persons (Source: from Westford 2009 Census Returns)

[Read more: http://www.city-data.com/housing/houses-Westford-Massachusetts.html#ixzz1Mnjilklg](http://www.city-data.com/housing/houses-Westford-Massachusetts.html#ixzz1Mnjilklg)

Housing Data

Total Westford Houses: 6,941 (6,808 occupied: 6,258 owner occupied, 550 renter occupied) Source: City-Data)

Total Westford Housing: 7,396 (Single 6,276, Condo 992, 2 Family 92, Multi-family 36) Source: Westford Assessors Office)

[Read more: http://www.city-data.com/housing/houses-Westford-Massachusetts.html#ixzz1MnjoU01E](http://www.city-data.com/housing/houses-Westford-Massachusetts.html#ixzz1MnjoU01E)

Housing density: 227 houses/condos per square mile

Note: The WRC is currently updating these statistics....